United States Joint Forces Command
Joint Experimentation Directorate

FACT SHEET

Unified Vision 2001

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What is Unified Vision 01?

UV 01 is a major *concept-refinement experiment* run by the Joint Experiment Directorate, US Joint Forces Command in May 2001. It is part of a series of joint experiments that are examining various aspects of the Rapid Decisive Operations war-fighting concept.

It is *the* premier joint experiment for 2001 and is primarily a modeling and simulation event. UV 01 is designed to begin exploring the "how" of Rapid Decisive Operations. The initial focus for this three-week long experiment will be on the Joint Force Command and Control. Joint Force C2 is widely acknowledged as one of the keys to the "Rapid" in RDO and is well within the authority of the combatant CINCs to change.

What are the objectives of the experiment?

Strong national defense is based on realistic preparation for a wide range of challenges. Scenario elements for this joint experiment represent an array of some of the most operationally challenging circumstances that face our Services' capabilities. However, numerous "future threats" studies show these elements also represent likely future challenges. Individual Service experimentation ensures each Service can achieve its core competencies. They show *how well they work*. Joint experimentation shows *how well it all works together*.

Specific objectives of this joint experiment are:

- **To examine the joint force headquarters organization, including external relationships with other agencies and organizations (JFHQ organization).**

Why? There is good evidence that we have moved beyond the point where applying new technology to old organizations and processes is going to have anything but marginal transformational effects. UV 01 is attempting to look at how a joint war-fighting staff might be organized *if* emerging technologies and improved battlespace understanding enable them. Also, the current joint task force is an ad hoc organization. It is widely acknowledged that a standing Joint Force Headquarters will greatly improve our response to world situations.

- **To examine the operational-level, effects-based operations (EBO) planning and execution methodologies (JFHQ internal process).**

Why? Processes usually drive organizations. During the RDO Analytical War Games (JFCOM, May – June 2000), Joint Experimentation results showed that a key to rapid resolution of challenging operational scenarios is collaboration, enhanced understanding, and the resulting decision superiority. Currently, the Services, their battle labs, and other Department of Defense components are working to understand effects-

Fact File

Unified Vision 01

A concept refinement experiment that is structured to refine and explore several JFCOM warfighting concepts:

- **Rapid Decisive Operations (RDO)**
- **Common Relevant Operational Picture (CROP)**
- **Adaptive Joint Command and Control (AJC2)**
- **Joint Interactive Planning (JIP)**

In addition to bringing together the maturing concepts listed above, several emerging concepts will be folded into UV 01:

- **Wider collaboration between Joint Force HQ and the interagency community**
- **Joint Dynamic Intelligence Surveillance Reconnaissance Management**
- **Process to achieve enhanced understanding of the the enemy**

1 May 2001

Fact sheet continued: Unified Vision 2001

- **To examine the process of integrating a wider set of national capabilities than reside in the military alone (external process and relationships).**

Why? A significant finding of the RDO Analytical War Games is that the operational warfighter can greatly expand his understanding of the battlespace, coordinate effects in that battlespace, and achieve decision superiority *if* we can leverage the full capabilities – both traditional and asymmetric – of the United States government. We are in the early stages of exploring the means to leverage collaborative technologies to more effectively inform and be informed by the strategic level of the interagency community, to engage continuously with the operational planning elements of the interagency community, and to draw upon the existing databases resident in various elements of the interagency community.

- **Begin to examine the information requirements and characteristics of a decision support system that enhance the joint force commander's decision-making ability (emulate supporting systems).**

Why? The choices and combinations of automated decision aids, presentation methods and database research tools are extensive. During UV 01, a representative sample of the situational awareness and collaborative tools that generally represent the current and emerging hardware available will be examined in a laboratory setting. The goal is to advance understanding of the Common Relevant Operational Picture concept – a supporting concept to the Rapid Decisive Operations concept.

What do we expect to get from UV 01?

Recommendations for transformational changes generally will be presented in what are known as DOTMLPF recommendations. This acronym stands for Doctrine, Organization, Training, Materiel, Leadership, Personnel and Facilities. Most of the anticipated insights from UV 01 will fall into the **D**octrine, **O**rganization and **T**raining categories of DOTMLPF, although there will also be a limited amount of insights in the **M**ateriel area. Transformational changes are achievable in this decade. Contrary to conventional wisdom, the concepts promise great opportunity to enhance the joint warfighting capability of the CINCs in this decade without major materiel adjustments. D, O, and T can be changed, refined and implemented in a comparatively short timeframe. The output from this major joint experiment will feed concept refinement, prepare us for the RDO *concept assessment field experiment*, Millennium Challenge 2002, and continue to provide data points for refining transformational insights into rapid decisive operations.

What is the experiment scenario for UV 01?

Unified Vision 2001 looks at a high-end, small-scale contingency that has the potential to escalate to a major theater of war. It is based on a real-world military threat for which we have robust and realistic databases to support an operational net assessment. The robust modeling and simulation that supports this experiment is in place to

Fact File

Who is participating in this major joint experiment?

United States Joint Forces Command

US Army

US Navy

US Air Force

US Marine Corps

US Special Operations Command

US Space Command,

US Central Command

US Transportation Command

Joint Chiefs of Staff J-7

Department of State

Central Intelligence Agency

National Security Agency

National Reconnaissance Office

Defense Intelligence Agency

Air Intelligence Agency

National Ground Intelligence Center

Missile Space Intelligence Center

National Imagery and Mapping Agency

Defense Threat Reduction Agency

Center for Emerging Threat Opportunities

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1 May 2001